	Application No.	Applicant(s)
Notice of Allowability	09/665,305	HANDA ET AL.
	Examiner	Art Unit	
	Alain L. Bashore	1762	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *12-2-05*.

2. ☒ The allowed claim(s) is/are *1-38*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None of the:

       1. ☐ Certified copies of the priority documents have been received.

       2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

       3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

   (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

   (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of

      Paper No./Mail Date _____ .

   Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☐ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

ALAIN L. BASHORE
PRIMARY EXAMINER

DETAILED ACTION

Allowable Subject Matter

1.   Claims 1-4, 6-38 are allowed.

2.   The following is an examiner's statement of reasons for allowance:

The present invention includes independent claims 1, 13, 29, 30, 33, and 38.

Claim 1 recites a method, with the aid of a computer system, of tracking credit limits for

a plurality of tenors of one or more financial instruments; claim 13 recites a method, with

the aid of a computer system, of tracking credit limits for a plurality of tenors of one or

more financial instruments, each said tenor associated with one of a plurality of buckets;

claim 29 recites a method of trading of financial instruments between a party and a

plurality of institutions; claim 30 an apparatus for tracking credit limits among at least a

first trading entity and a second trading entity, said trading entities trading a plurality of

tenors of one or more financial instruments; claim 33 recites a method, with the aid of a

computer system, of taking credit limits for a plurality of tenors of one or more financial

instruments, each said tenor associated with one of a plurality of buckets; claim 38

recites a method, with the aid of a computer system, of tracking credit limits for a

plurality of tenors of one or more financial instruments, each said tenor associated with

one of a plurality of buckets.

May is considered the closest prior art. May teaches a credit capability (reserves) (col 12 lines 1- 16) as well as credit monitoring and risk quotient analysis (col 25 line 5- col 26 line 17) and checking of parties (col 13 lines 37-65). May teaches the residual credit available to each parity (bucket) (Fig 28/582/584; line 65-col 2 line 5) as well as updating the position information of the party (Fig 28/590) as well as identifying for each party a set of counter parties each party may trade with (Abstract; Fig 27b; co1 5 line 41-co1 6 line 11). May teaches that derivative instruments are traded) (col 18 lines 3-27) including options utilizing credit tracking of parties/counter parties. May further teaches parameters that parties and counter parties can negotiate (Table 1) and further teaches three screening methods (col 23, line I - col 26, line 17). Multiple maturity bands are taught in May's method (col 23, line 65-col 24, line 33).

May does not disclose the combination claimed including:

In claim 1:

receiving at said computer system a proportional draw down amount associated with each of said buckets;

receiving at said computer system a signal associated with a trade action, said signal including a trade tenor and a trade amount; and

using said computer system to recalculate said proportional draw down

amount for each said bucket by implementing a function as expressed in the claim of

record using the variables as recited.

In claim 13:

receiving at said computer system a proportional draw down amount

associated with each of said plurality of buckets, said received proportional draw down

amount associated with each said bucket defining an initial proportional draw down

for each of i = 1...N buckets;

setting a normalized total credit (NTC) based on said initial proportional draw

down for at least one said bucket;

using said computer system to calculate a conversion ratio to said NTC for

each said bucket (i);

using said computer system to recalculate NTC according to the function as

expressed in the claim of record using the variables as recited;

using said computer system to recalculate said proportional draw down for

each said bucket according to the function as expressed in the claim of record using

the variables as recited.

In claim 29:

receiving at a computer system a first signal identifying a plurality institutions to trade with;

receiving at a computer system a second signal identifying a plurality of buckets (designated as bucket, for i = 1 to N buckets);

receiving at a computer system a third signal identifying a set of financial instruments to be traded, each said financial instrument having at least one tenor, each said bucket associated with a range of tenors;

for each said bucket, receiving at a computer system an initial available credit limit associated with each said bucket,

assigning a relationship to said available credit limits associated with said buckets, wherein credit extended on in connection with a trade action associated with a trade amount and a financial instrument having a tenor falling within said range of tenors for one of said buckets reduces said available credit in bucket i for i = 1 to N in proportion to said trade amount multiplied by said initial available credit limit associated with bucket, divided by said initial available credit limit associated with said Kth bucket;

receiving at a computer system a fourth signal associated with a trade action, said signal including a type of financial instrument, a trade tenor and an amount; and

in response to said trade signal, said computer system recalculating said available

credit limit for each said bucket based on said relationship of said credit limits.

In claim 30:

at least one media storing a database, said database storing:

a first structure associated with said first trading entity representing a

plurality of buckets (designated as bucket, for i = 1 to N buckets), each bucket

associated with a range of tenors of said one or more financial instruments, each

said bucket associated with an available initial credit limit;

a second structure associated with current available limit for each said

bucket, and

an interface adapted to receive a signal from a trading system, said signal

associated with a trade action, said signal including a first party, a second party, a

trade financial instrument, a trade tenor and a trade amount;

a server coupled to said interface and said database, said server adapted to:

receive said trade signal;

associate said trade signal with a bucket and

for each bucket, for i = 1 to N reducing said currently available

credit limit in proportion to said trade amount multiplied by said initial

available credit limit associated with bucket, divided by said initial

available limit associated with said kth bucket.

In claim 33:

   receiving at said computer system an initial available credit limit for each said

bucket;

   receiving at said computer system an initial overriding credit limit for each said

bucket;

   receiving at said computer system a signal associated with a trade action, said

signal including a trade tenor and a trade amount, said trade action being associated

with the bucket;

   reducing said overriding credit limit for said kth bucket by said trade amount;

and for each bucket , for i = 1 to N, said computer system reducing said currently

available credit limit in proportion to said trade amount multiplied by said initial

available credit limit associated with bucket, divided by said initial available credit limit

associated with said kth bucket .

In claim 38:

receiving a proportional draw down amount associated with each of said buckets;

receiving a signal associated with a trade action, said signal including a trade

tenor and a trade amount; and

recalculating said proportional draw down amount for each said bucket by

implementing a function expressed according to the function as expressed in the claim

of record using the variables as recited.

For these reasons claims 1, 13, 29, 30, 33, and 38 are deemed to be allowable

over the prior art of record, and claims 2-4, 6-12, 14-28, 31-32, 34-37 are allowable by

dependency.

Any comments considered necessary by applicant must be submitted no later

than the payment of the issue fee and, to avoid processing delays, should preferably

· accompany the issue fee. Such submissions should be clearly labeled "Comments on

Statement of Reasons for Allowance."

Conclusion

3.   Allowable subject matter may require further review for applications in class 705 before a notice of allowance is mailed to applicant. The time period for review may vary from application to application.

4.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alain L. Bashore whose telephone number is 571-272-6739. The examiner can normally be reached on about 7:30 am to 5:00 pm (Mon. thru Thurs.).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Timothy Meeks can be reached on 571-272-1423. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Alain L. Bashore
Primary Examiner
Art Unit 1762